Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	107614	(profile length width) near5 (mark groove pit)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 14:53
L2	55502	(profile length width) near5 (non-mark land nonpit non-pit plane)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 14:54
L3	4684	(asymmetry difference symmetry) same 1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 14:55
L4	2933	(asymmetry difference symmetry) same 2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 14:56
L5	336	3 same 4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 14:56
L6	46	5.ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:00
L7	29	5 same asymmetry	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:09
L8	174267	delay$4 near6 signal	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:09
L9	35252	multipl$5 near8 coefficient	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:10
L10	1038	detect$4 near6 asymmetry	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:11
L11	26	8 and 9 and 10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:18
L12	10	11 and 1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:21
L13	4	11 and 2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:21

File 348:EUROPEAN PATENTS 1978-2004/Aug W05
        (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040902,UT=20040826
        (c) 2004 WIPO/Univentio

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Set      Items     Description
S1       73136     (SHAPE? OR PROFILE?? OR LENGTH?? OR SIZE?? OR DEPTH??)(5N)-
                   (MARK??? OR PIT?? OR GROOVE?? OR PRE()PIT?? OR PRE()GROOVE?? -
                   OR PREPIT?? OR PREGROOVE?? OR INDENTATION??)
S2       38011     (STRUCTUR??? OR FORMAT??? OR PATTERN?? OR DETAIL??)(5N)(MA-
                   RK?? OR PIT?? OR GROOVE?? OR PRE()PIT?? OR PRE()GROOVE?? OR P-
                   REPIT?? OR PREGROOVE?? OR INDENTATION??)
S3        3158     (SHAPE?? OR PROFILE?? OR LENGTH?? OR SIZE?? OR DEPTH??)(5N-
                   )(NON()MARK?? OR NONMARK?? OR LAND??)
S4        2625     (STRUCTUR??? OR FORMAT??? OR PATTERN?? OR DETAIL??)(5N)(NO-
                   N()MARK?? OR NONMARK?? OR LAND??)
S5       22104     (DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-
                   ?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-
                   5N)(ASYMMETR???? OR NON()SYMMETR???? OR DISTORT????? OR ABNOR-
                   MAL???? OR IRREGULAR????)
S6      331565     CD OR CDS OR CDROM? OR DISK? ? OR DISC? ? OR DVD OR DISKET-
                   T?? OR HDD OR HARDDIS?? OR (RECORD??? OR MAGNETIC??)(2N)(MEDI-
                   UM?? OR MEDIA??)
S7        7601     (DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-
                   ?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-
                   5N)(S1 OR S2)
S8         234     (DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-
                   ?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-
                   7N)(S3 OR S4)
S9         223     AU=(MIYASHITA H? OR MIYASHITA, H? OR KONISHI S? OR KONISHI,
                   S?)
S10        902     AU=(NAKAMURA A? OR NAKAMURA, A? OR NAKAJIMA T? OR NAKAJIMA,
                   T? OR MINAMINO J? OR MINAMINO, J?)
S11       1116     S9 OR S10
S12         90     S11 AND (S1 OR S2)
S13          7     S12(S)(S3 OR S4)
S14         70     S7 AND S8
S15         52     S14(S)S6
S16         40     S15 NOT AD=20001031:20040907/PR
S17         54     S7(S)S8
S18         33     S17 AND S16
S19         33     S18 NOT S13
S20         48     S17 AND IC=G11B?
S21        315     S5(S)(S1 OR S2)
S22         11     S21(S)(S3 OR S4)
S23         11     S22 NOT (S19 OR S13)
S24       1040     (S1 OR S2)(S)(S3 OR S4)
S25        297     S24(5N)S6
S26          6     S25(S)(ASYMMETR???? OR NON()SYMMETR????)
S27          7     S25(S)(COMBIN??? OR MIX???)
S28          6     S26 NOT (S19 OR S13)
S29          5     S27 NOT (S13 OR S19 OR S22 OR S28)
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Set	Items	Description
S1	104908	(SHAPE? OR PROFILE?? OR LENGTH?? OR SIZE?? OR DEPTH??)(5N)-(MARK??? OR PIT?? OR GROOVE?? OR PRE()PIT?? OR PRE()GROOVE?? - OR PREPIT?? OR PREGROOVE?? OR INDENTATION??)
S2	37579	(STRUCTUR??? OR FORMAT??? OR PATTERN?? OR DETAIL??)(5N)(MA-RK?? OR PIT?? OR GROOVE?? OR PRE()PIT?? OR PRE()GROOVE?? OR P-REPIT?? OR PREGROOVE?? OR INDENTATION??)
S3	2285	(SHAPE?? OR PROFILE?? OR LENGTH?? OR SIZE?? OR DEPTH??)(5N-)(NON()MARK?? OR NONMARK?? OR LAND??)
S4	3561	(STRUCTUR??? OR FORMAT??? OR PATTERN?? OR DETAIL??)(5N)(NO-N()MARK?? OR NONMARK?? OR LAND??)
S5	72049	(DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-5N)(ASYMMETR???? OR NON()SYMMETR???? OR DISTORT????? OR ABNOR-MAL???? OR IRREGULAR????)
S6	899920	CD OR CDS OR CDROM? OR DISK? ? OR DISC? ? OR DVD OR DISKET-T?? OR HDD OR HARDDIS?? OR (RECORD??? OR MAGNETIC??)(2N)(MEDI-UM?? OR MEDIA??)
S7	5187	(DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-5N)(S1 OR S2)
S8	175	(DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-7N)(S3 OR S4)
S9	16661	AU=(NAKAMURA A? OR NAKAMURA, A? OR NAKAJIMA T? OR NAKAJIMA, T? OR MINAMINO J? OR MINAMINO, J?)
S10	3449	AU=(MIYASHITA H? OR MIYASHITA, H? OR KONISHI S? OR KONISHI-,S?)
S11	20085	S9 OR S10
S12	158	S11 AND (S1 OR S2)
S13	3	S12 AND (S3 OR S4)
S14	15	S7 AND S8
S15	15	S14 NOT S13
S16	11	S15 NOT AD=20001031:20040907/PR
S17	213	S5 AND (S1 OR S2)
S18	2	S17 AND (S3 OR S4)
S19	12752	S6 AND (S1 OR S2)
S20	349	S19 AND (S3 OR S4)
S21	210	S20 AND (S1 AND S3)
S22	203	S21 AND IC=G11B?
S23	4	S22 AND (ASYMMETR???? OR NON()SYMMETR???? OR ABNORMAL???? - OR IRREGULAR????)
S24	2	S23 NOT S18
S25	5	S20 AND (ASYMMETR???? OR NON()SYMMETR???? OR ABNORMAL???? - OR IRREGULAR????)
S26	1	S25 NOT S23
S27	167	S21 NOT AD=20001031:20040907/PR
S28	4	S27 AND WAVEFORM?
S29	6	S27 AND (COMBIN? OR MIX? OR INTEGRAT?)
S30	5	S29 NOT (S16 OR S18 OR S24 OR S26 OR S28)

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              7N)(S3 OR S4)
S9        73   S7 AND S5
S10        3   S9 AND S6
S11        2   RD (unique items)
S12       31   S7 AND S8
S13       22   RD (unique items)
S14       16   S13 NOT PY>2000
S15      355   S5 AND (S1 OR S2)
S16        1   S15 AND (S3 OR S4)
S17     4899   AU=(MIYASHITA H? OR MIYASHITA, H? OR KONISHI S? OR KONISHI,
               S?)
S18    29467   AU=(NAKAMURA A? OR NAKAMURA, A? OR NAKAJIMA T? OR NAKAJIMA,
               T? OR MINAMINO J? OR MINAMINO, J?)
S19    34329   S17 OR S18
S20       88   S19 AND (S1 OR S2)
S21        0   S20 AND (S3 OR S4)
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